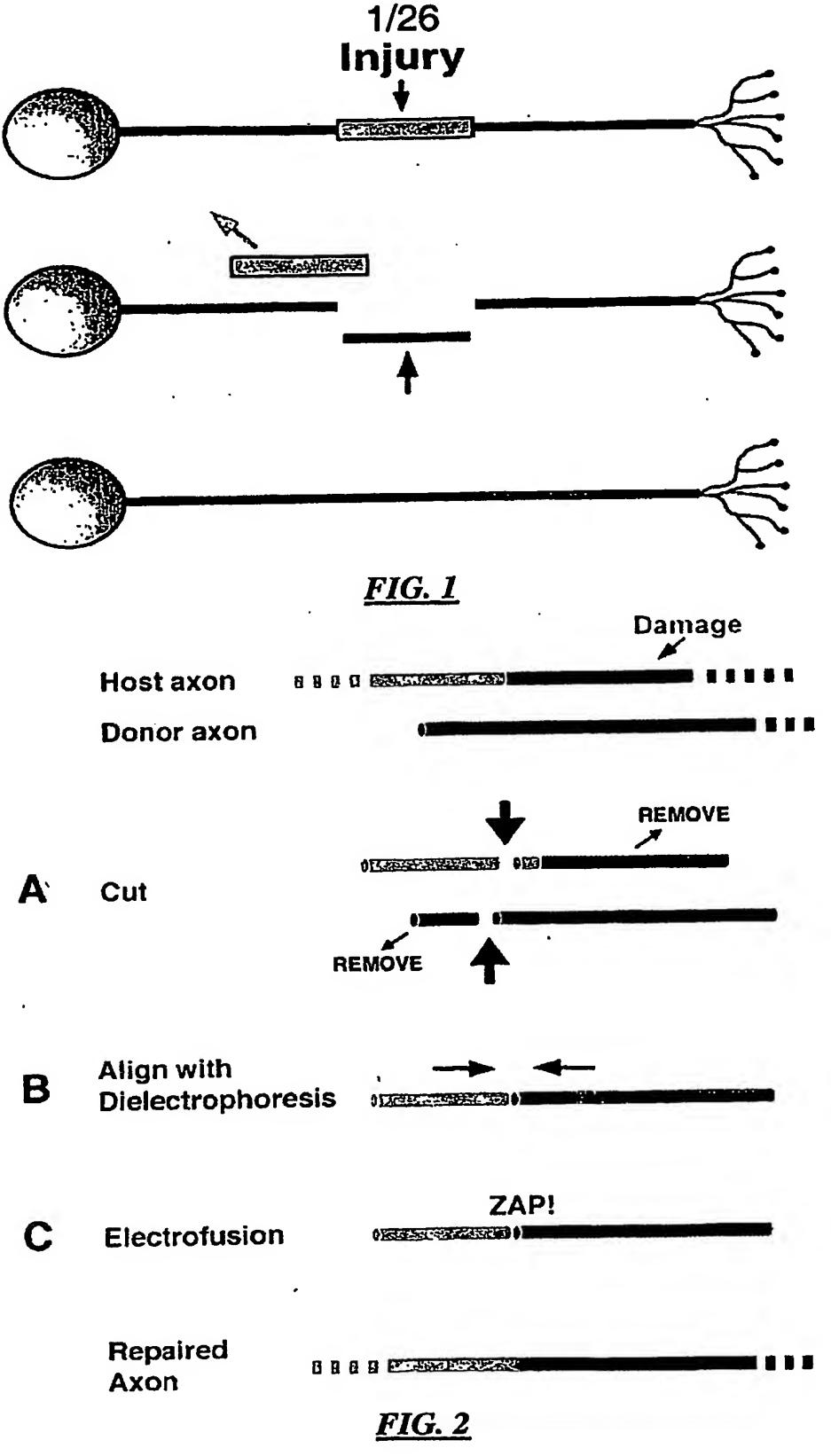
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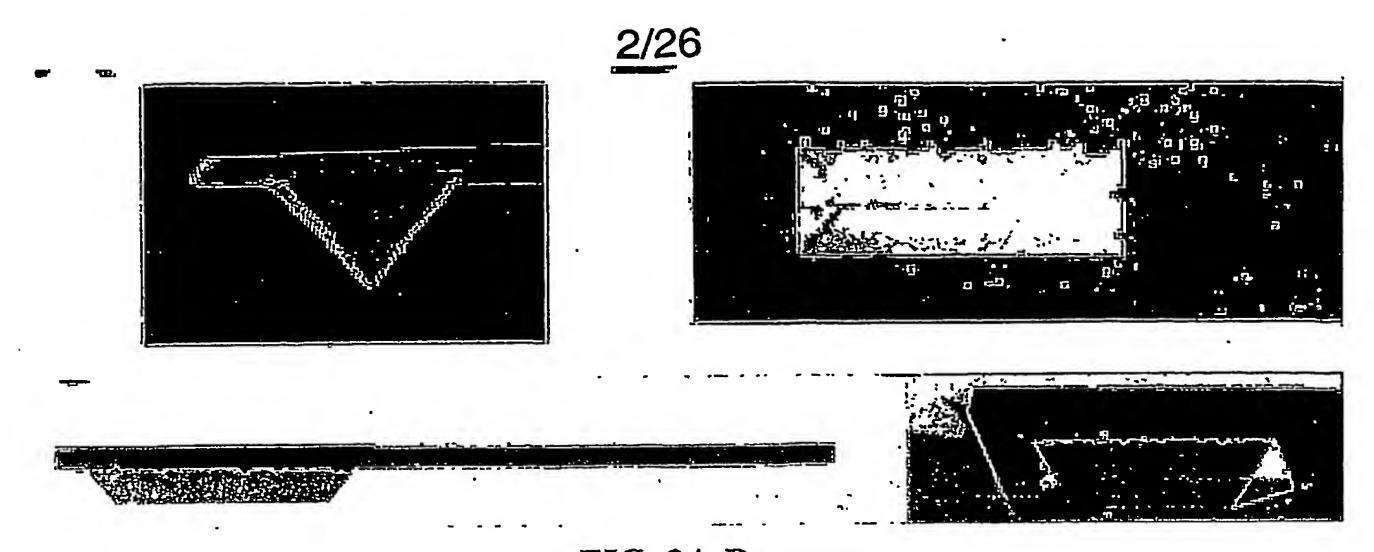


FIG. 3A-D

<u>FIG. 3E</u>

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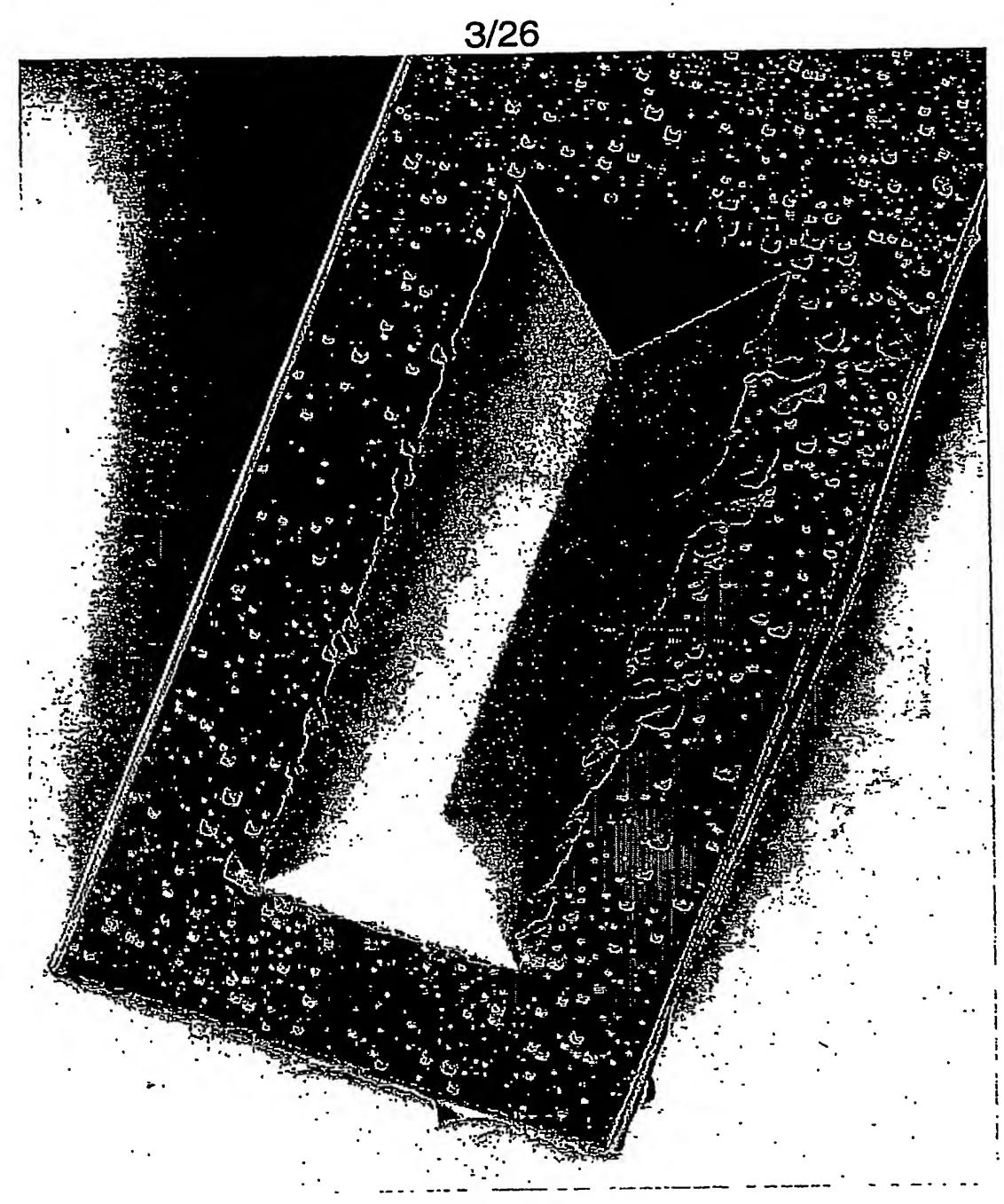
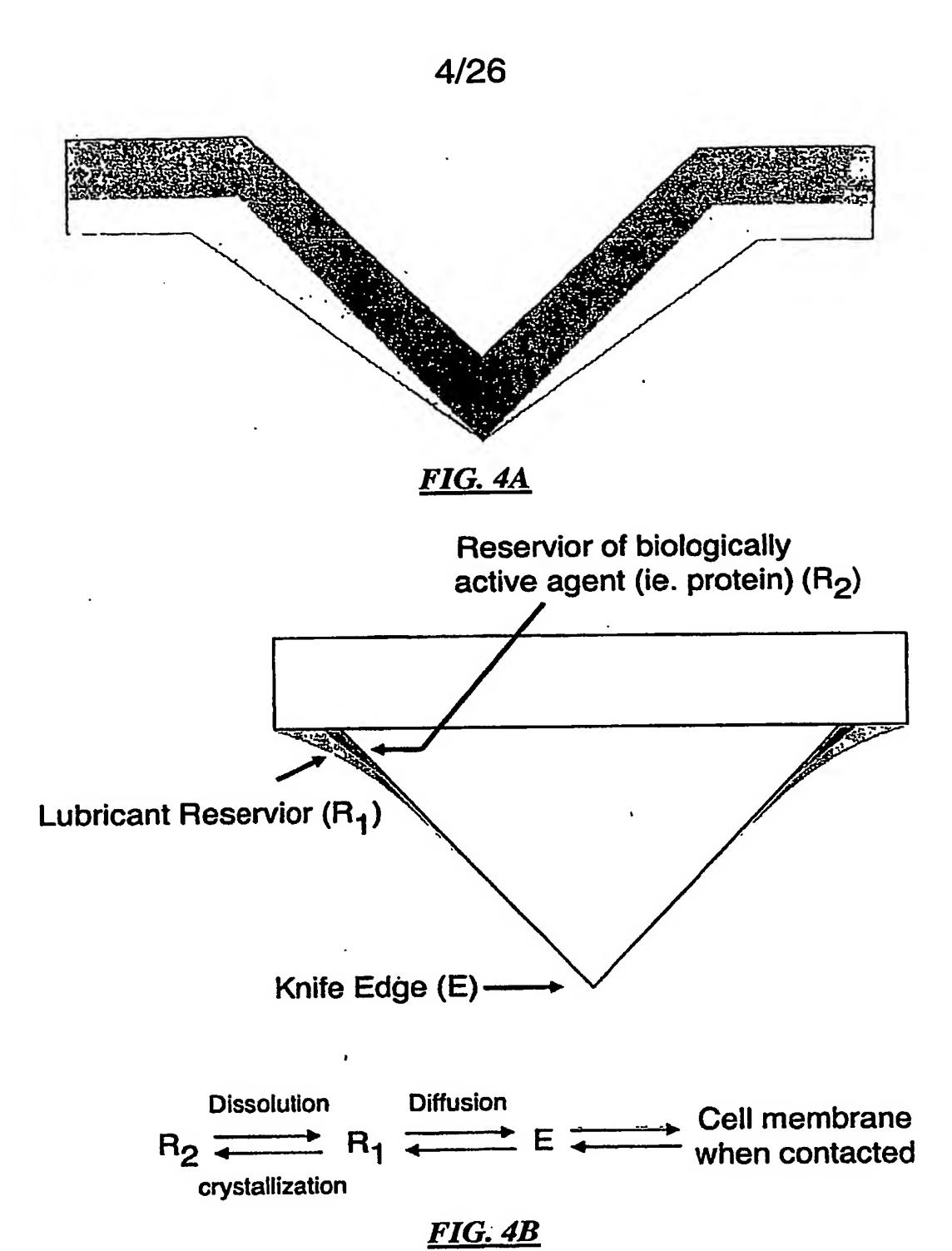


FIG. 3F



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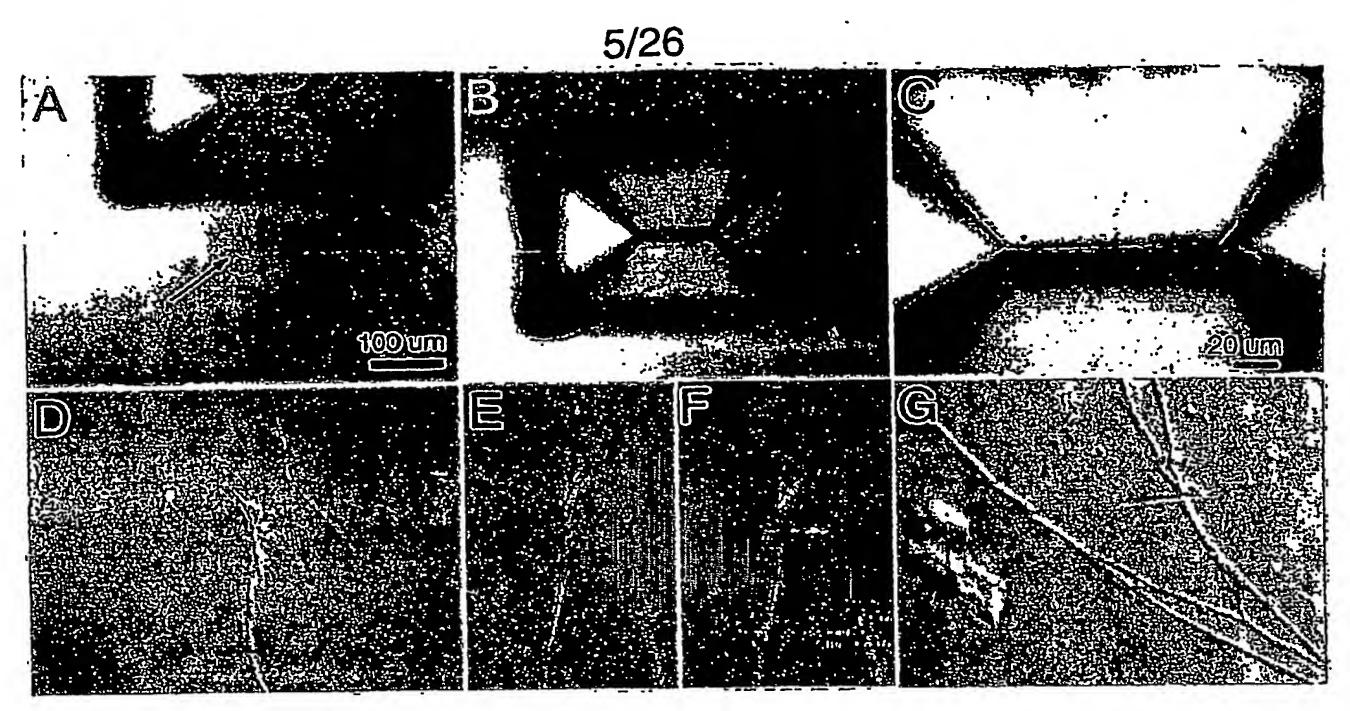


FIG. 5

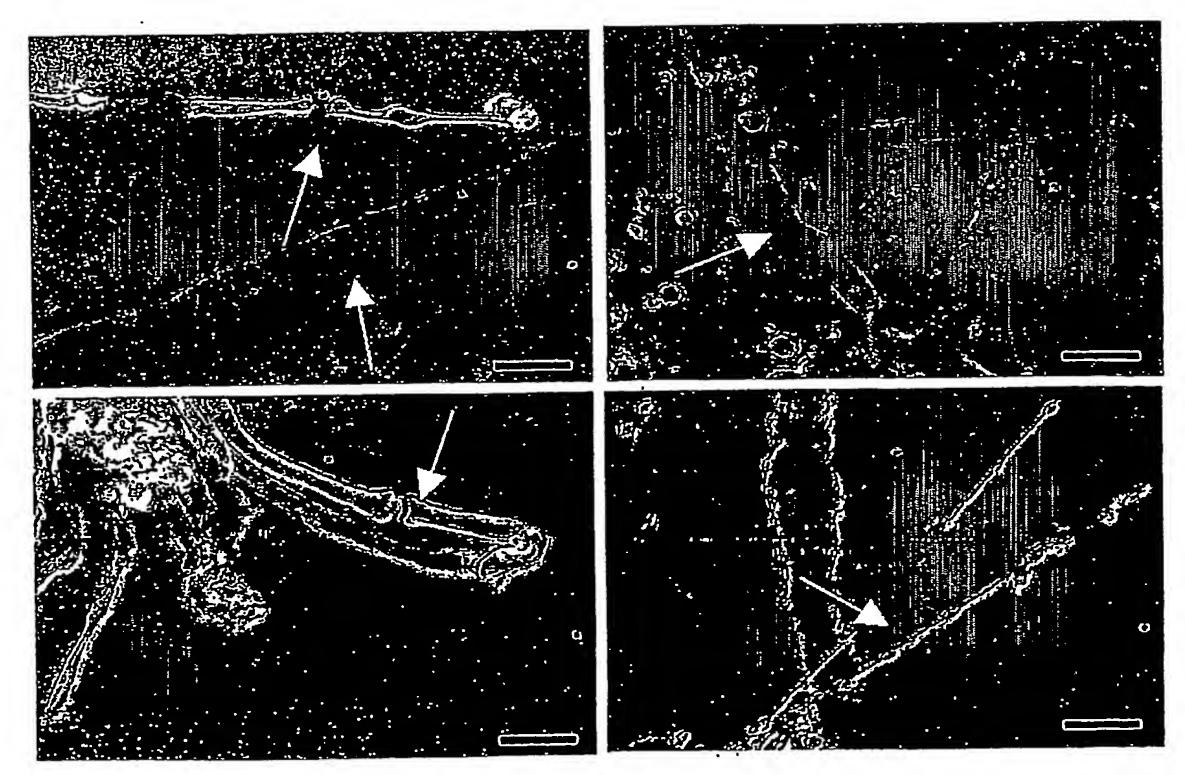


FIG. 6

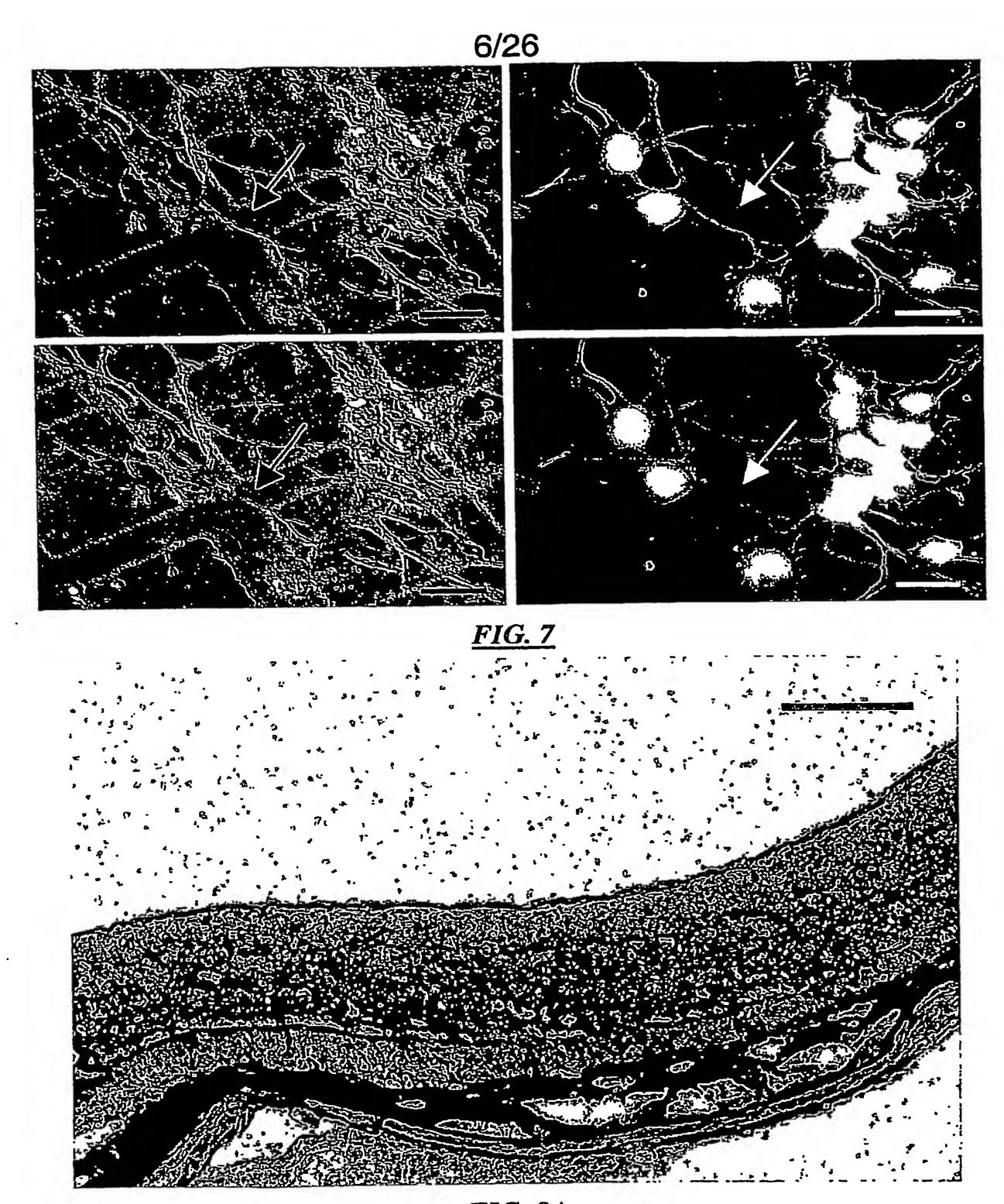
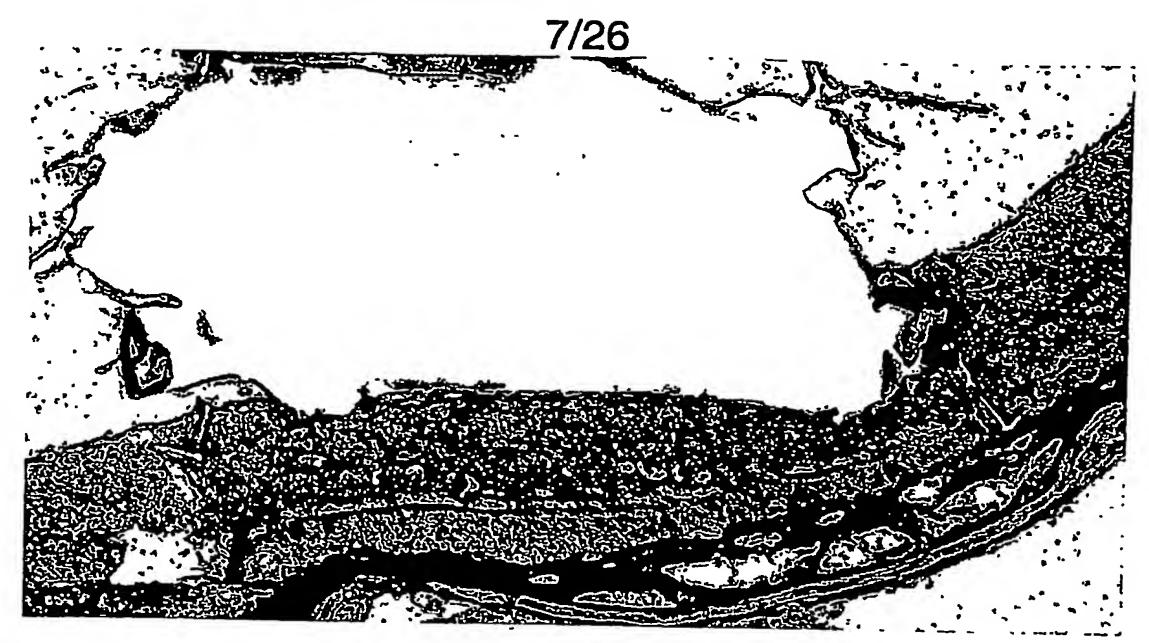


FIG. 8A



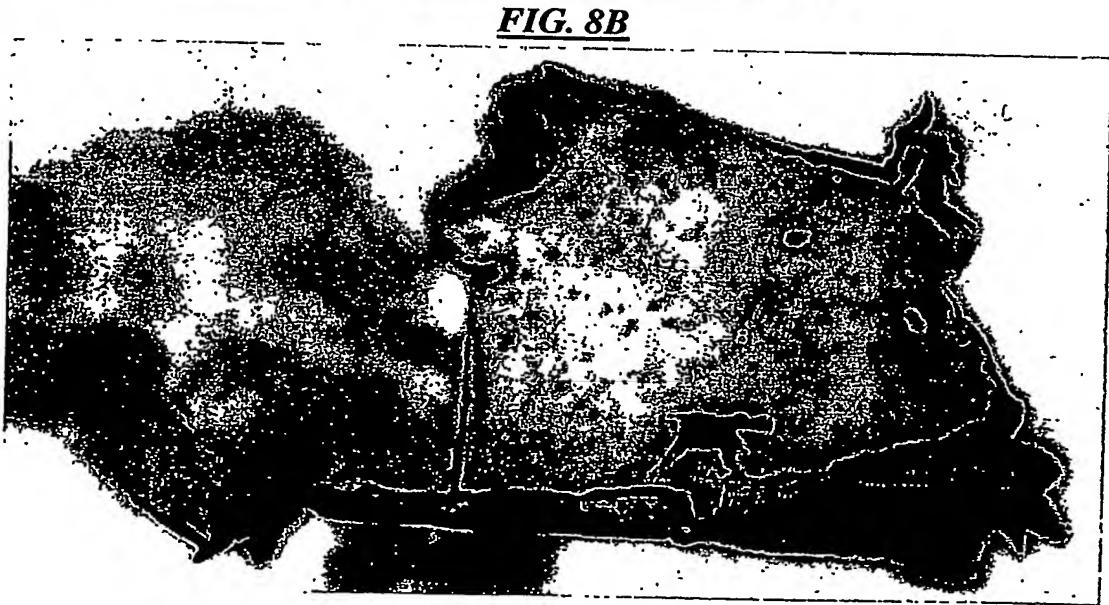


FIG. 8C

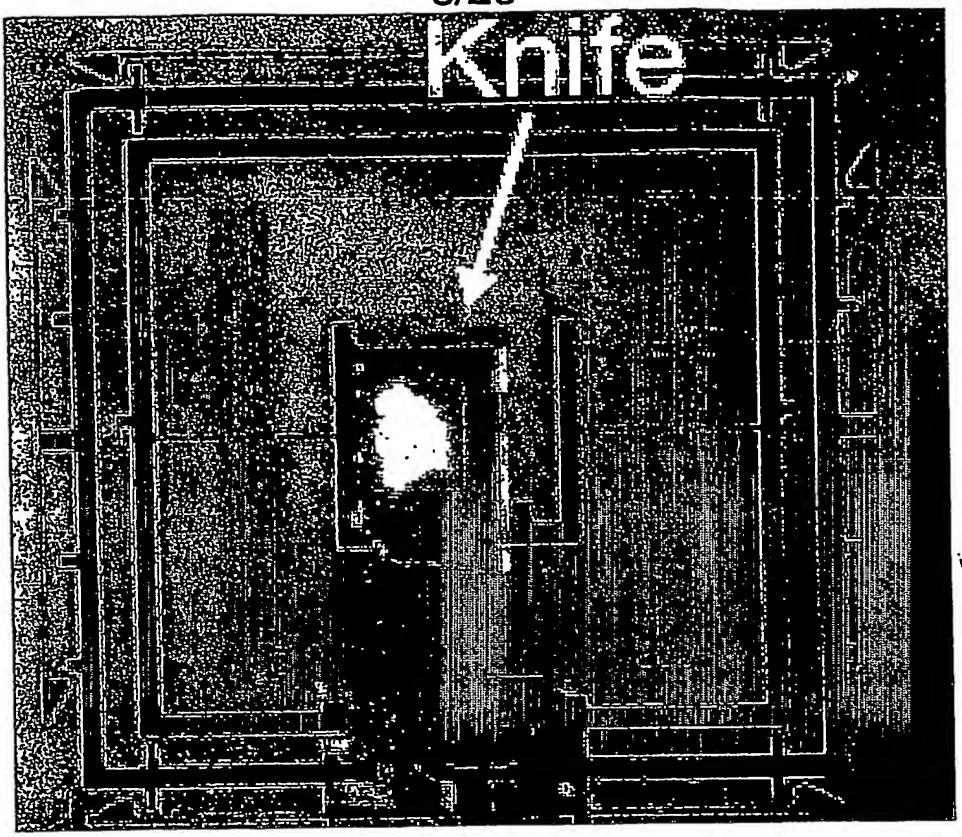
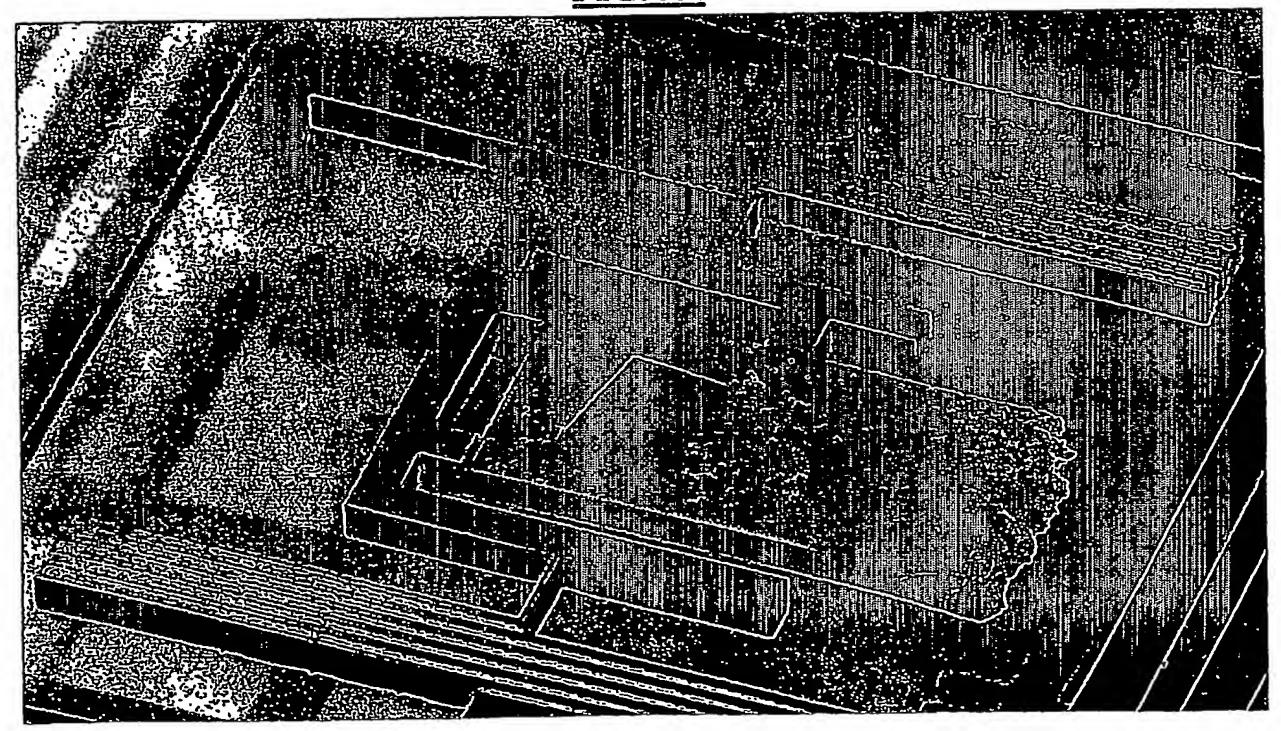
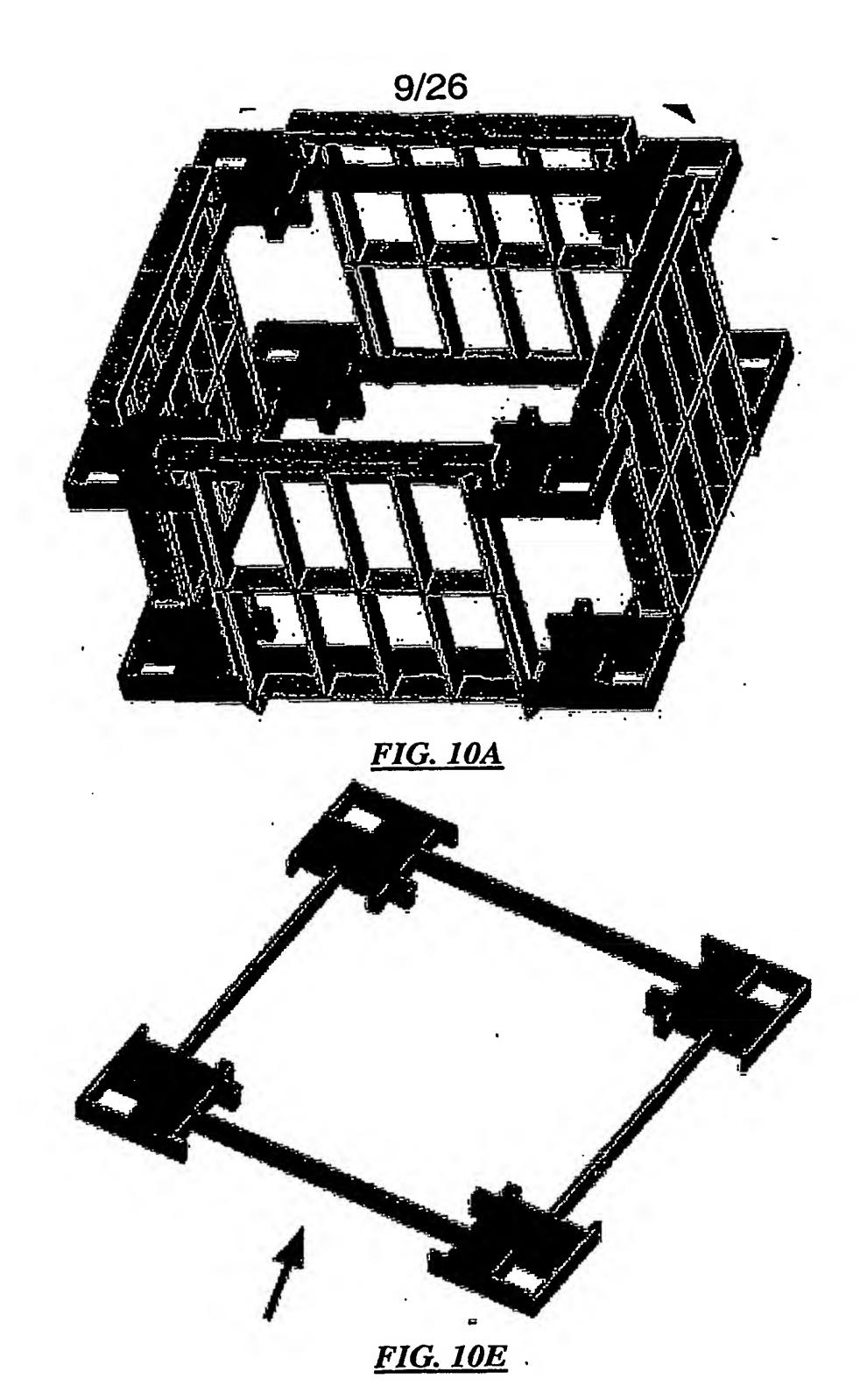


FIG. 9A



. FIG. 9B



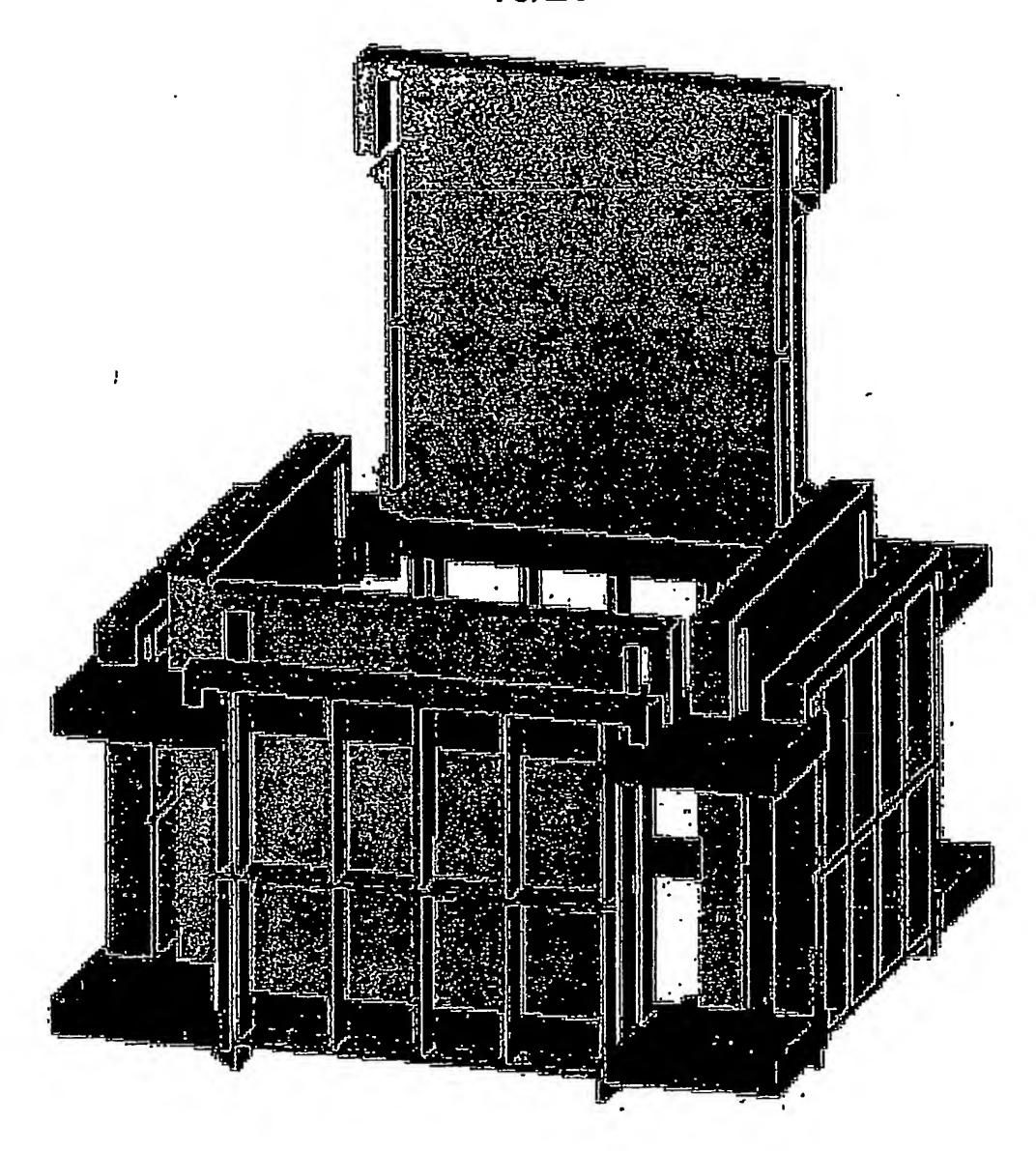


FIG. 10B

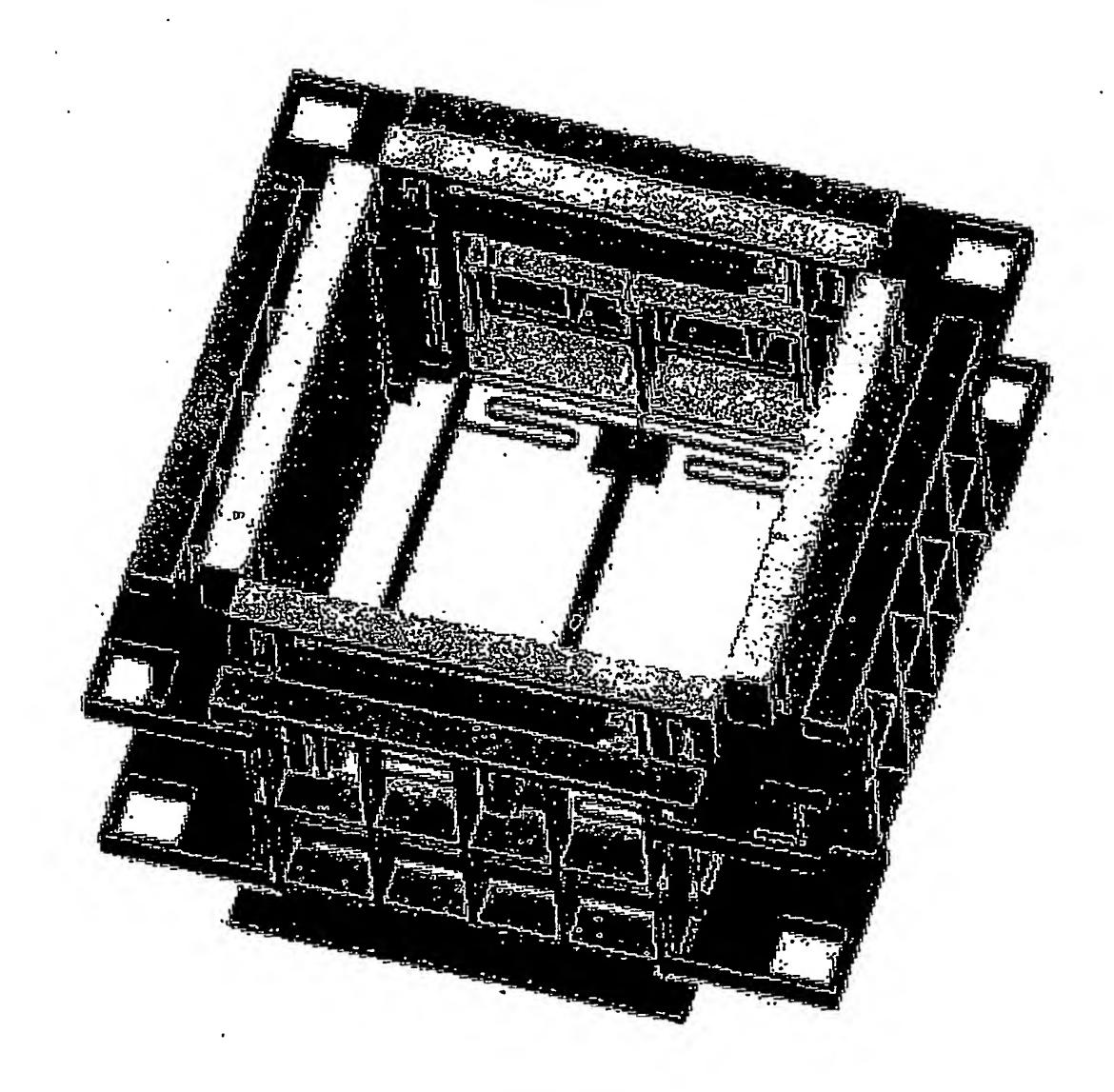


FIG. 10C

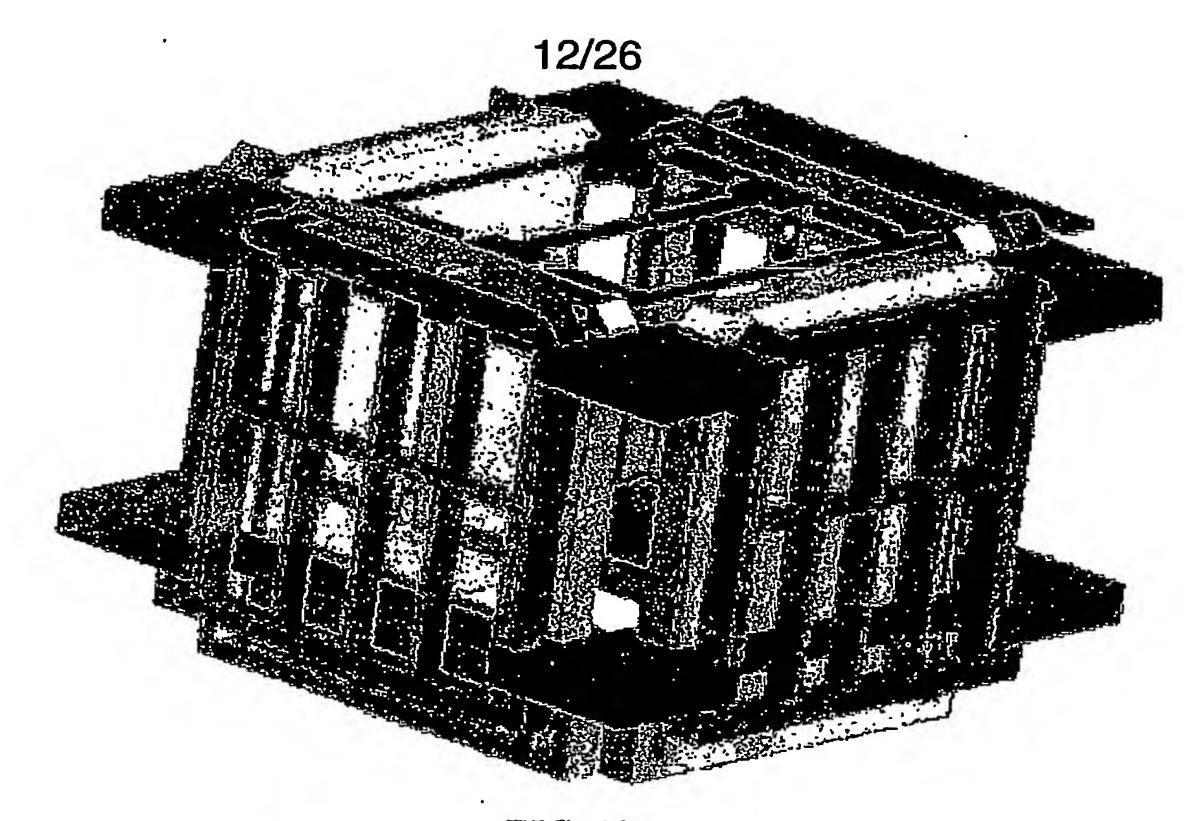
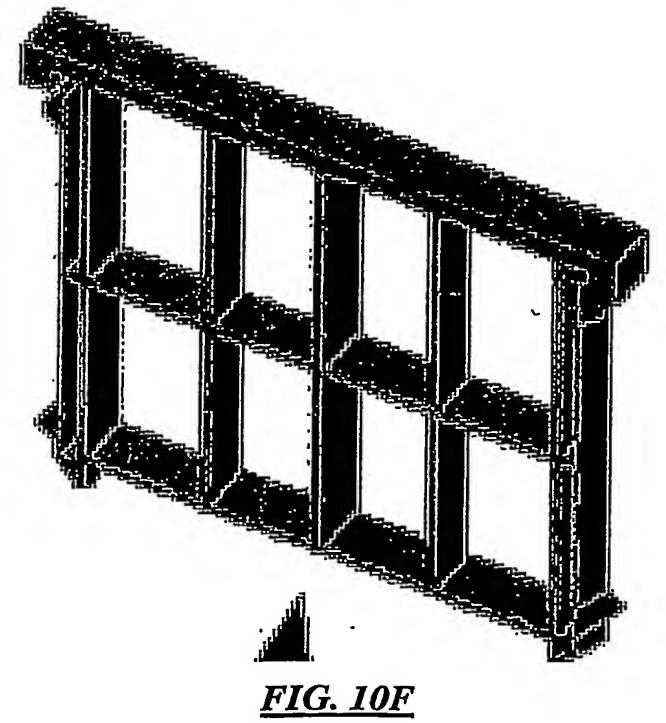


FIG. 10D



SUBSTITUTE SHEET (RULE 26)

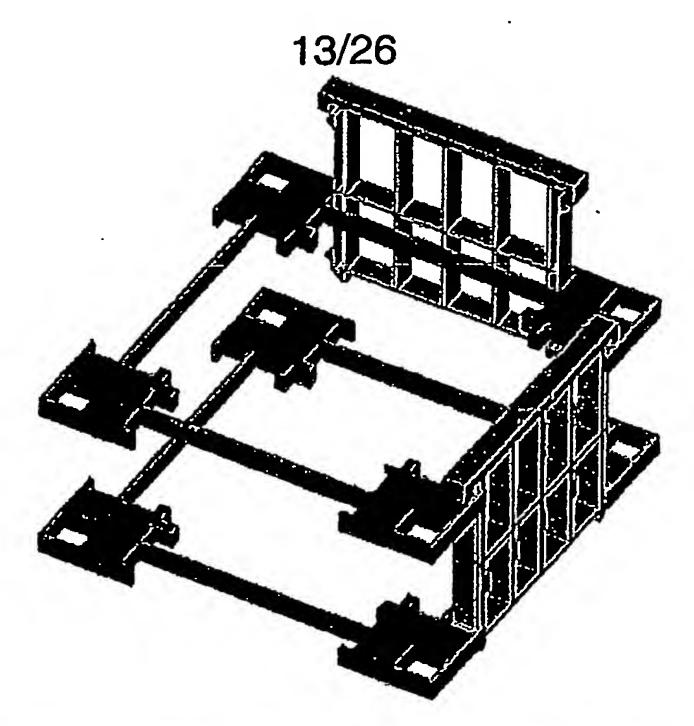


FIG. 10G

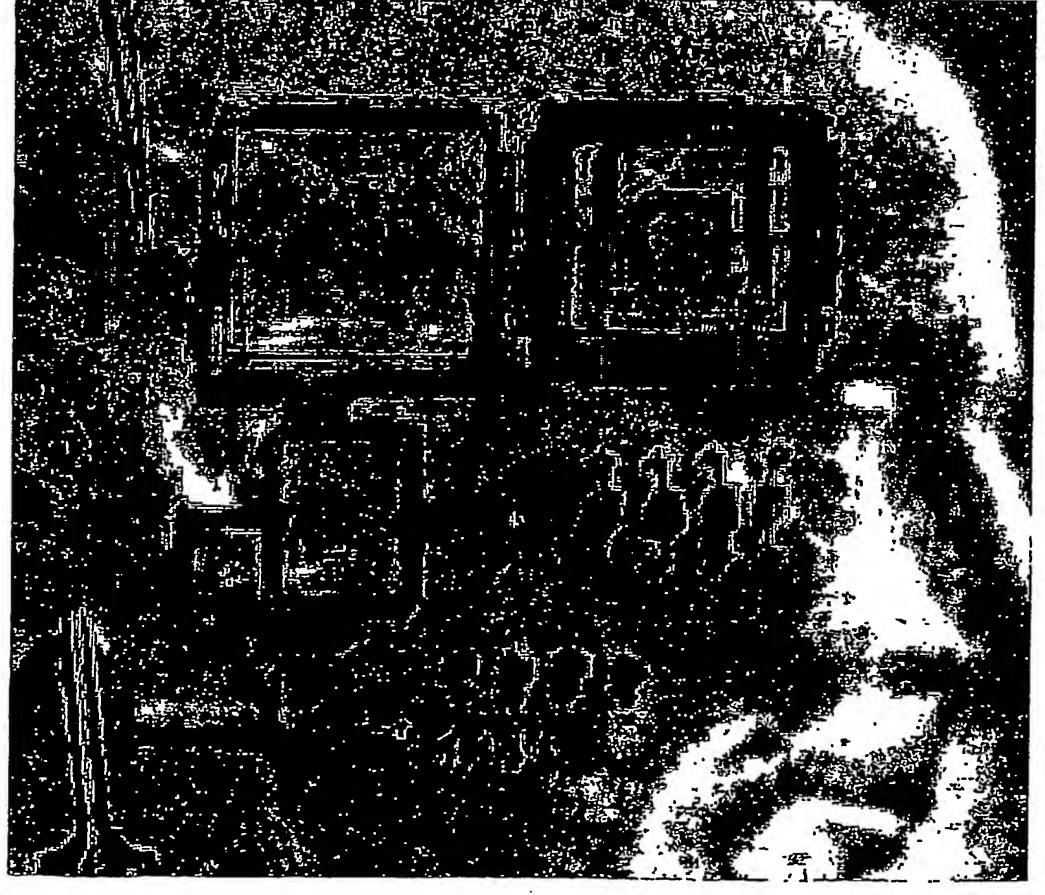


FIG. 11A
SUBSTITUTE SHEET (RULE 26)

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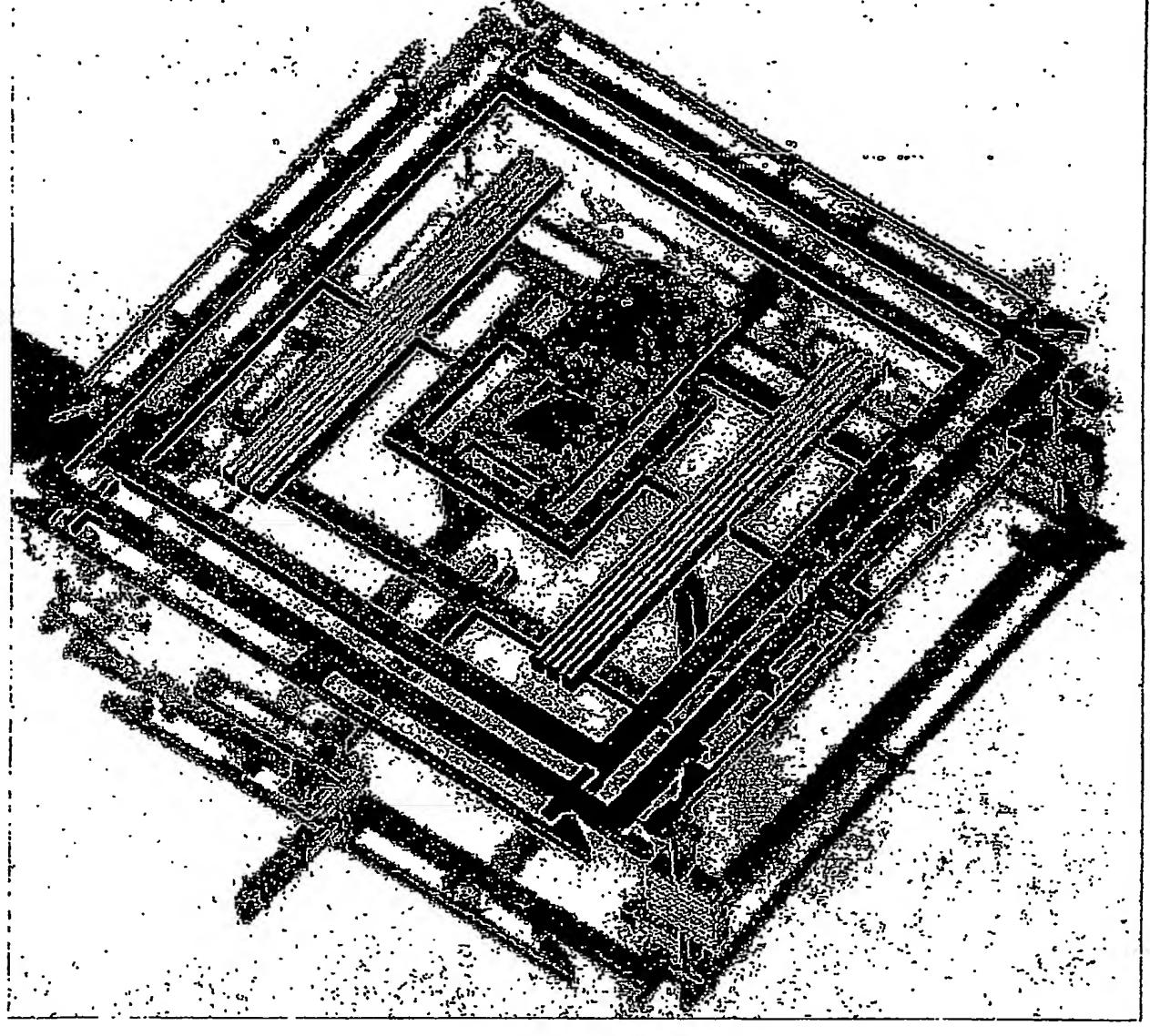


FIG. 11B

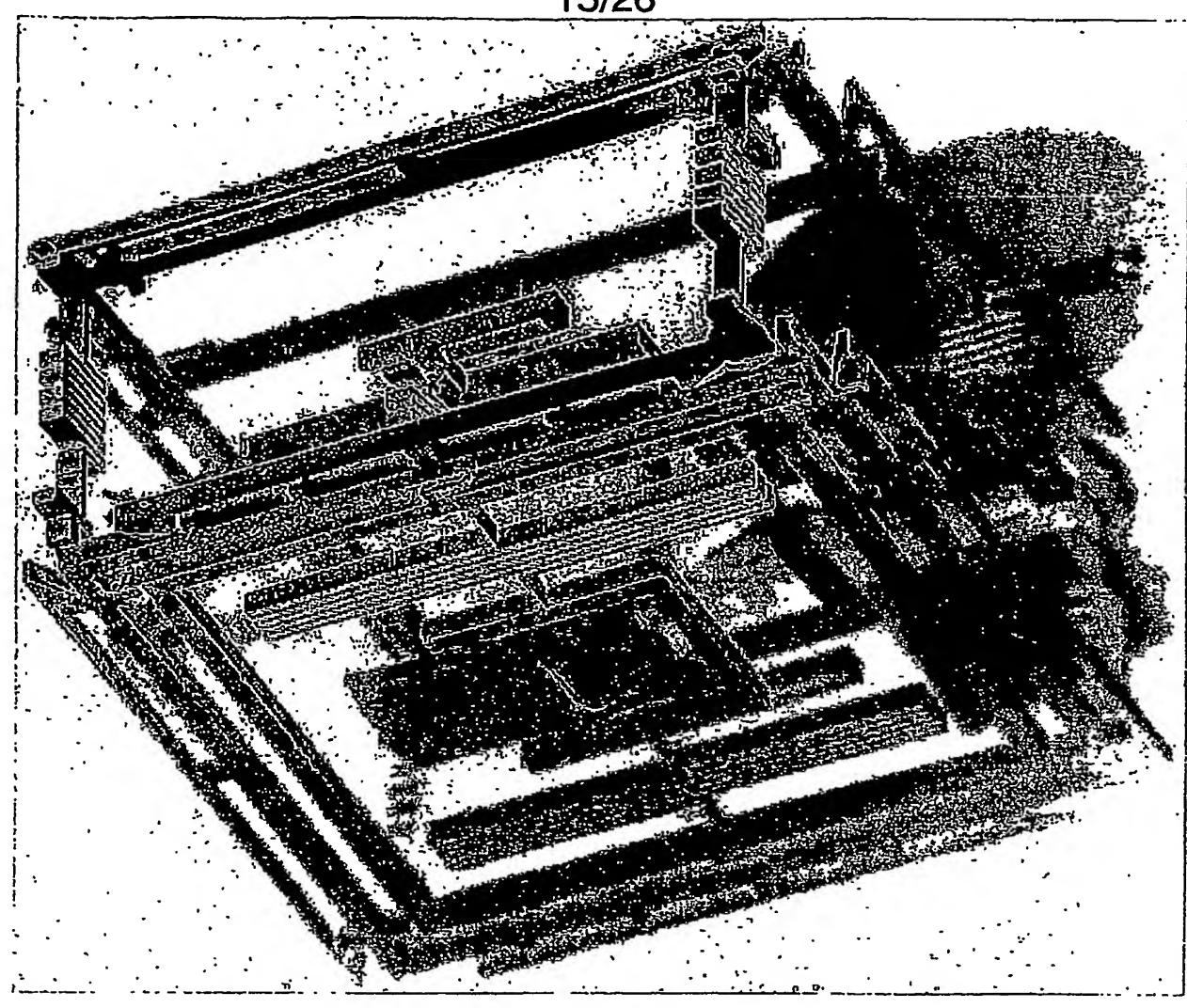


FIG. 11C

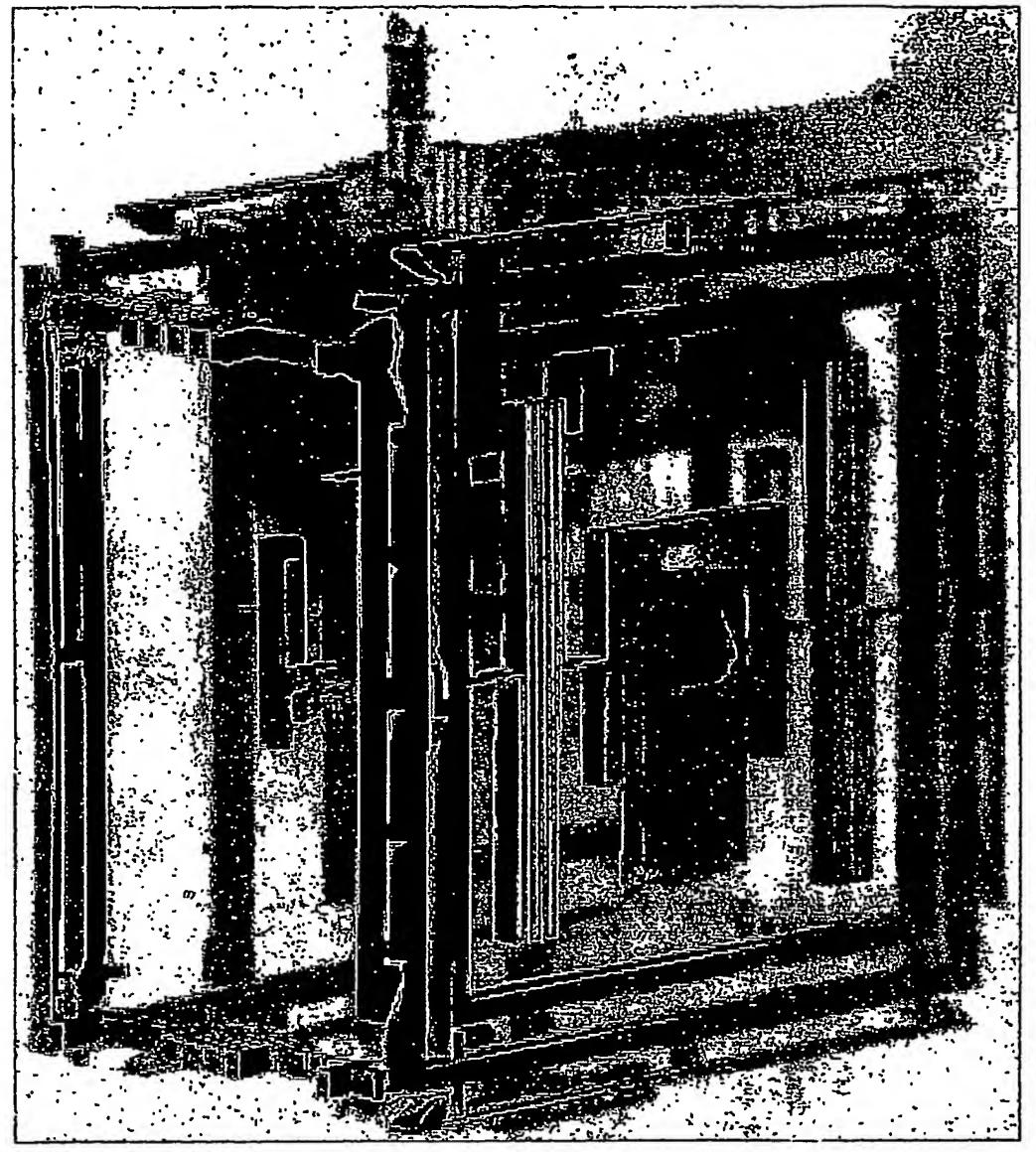


FIG. 11D

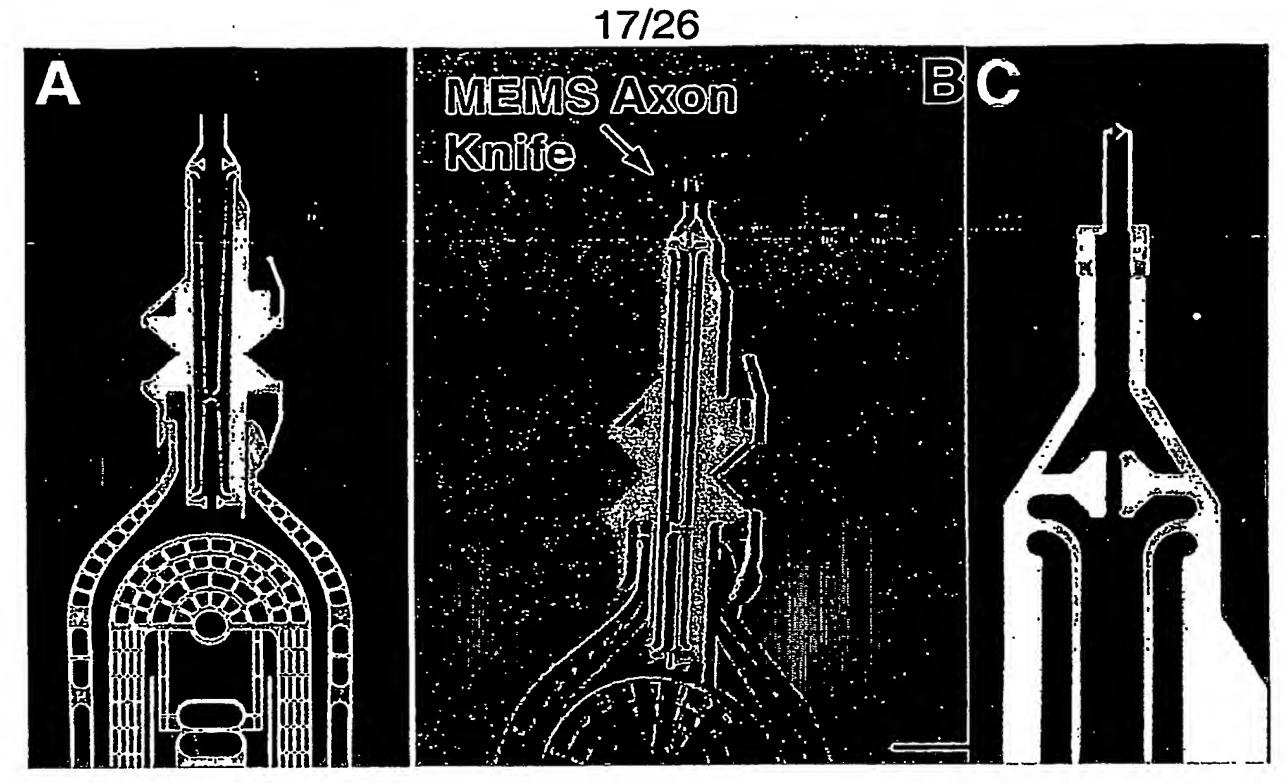
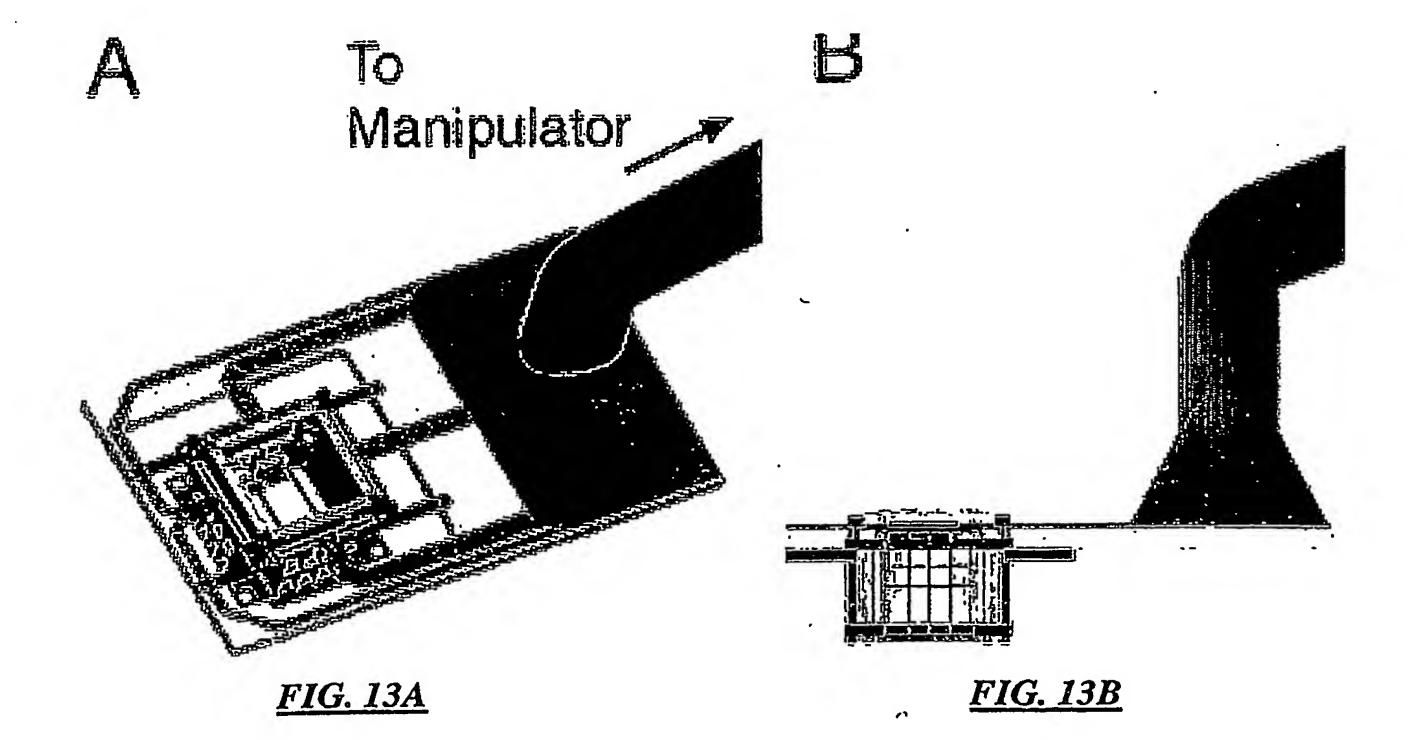
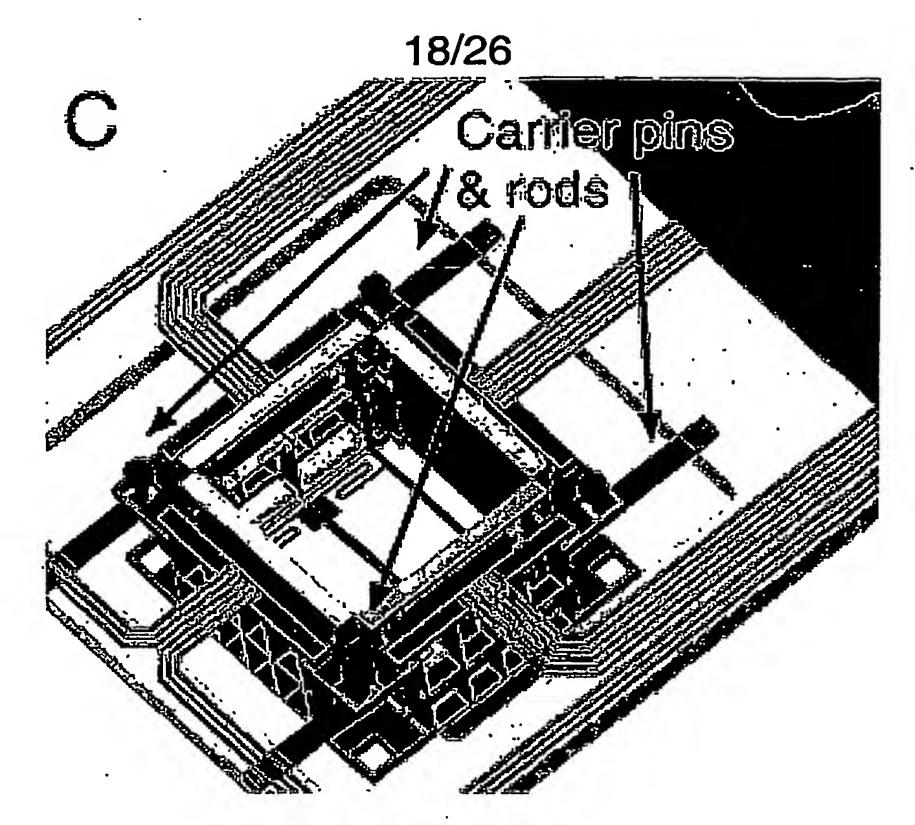


FIG. 12





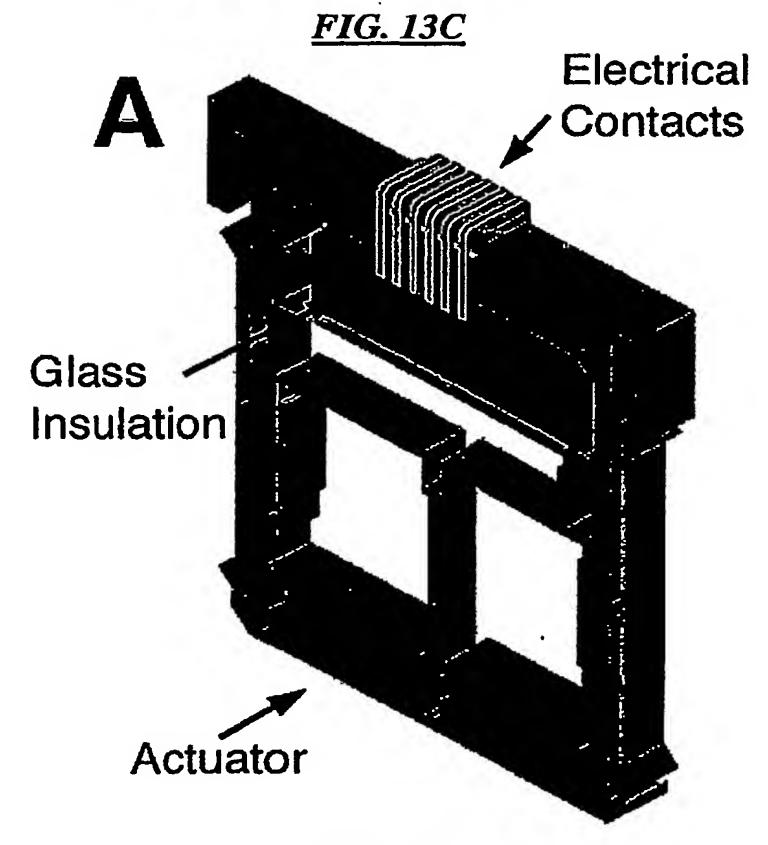


FIG. 14A
SUBSTITUTE SHEET (RULE 26)

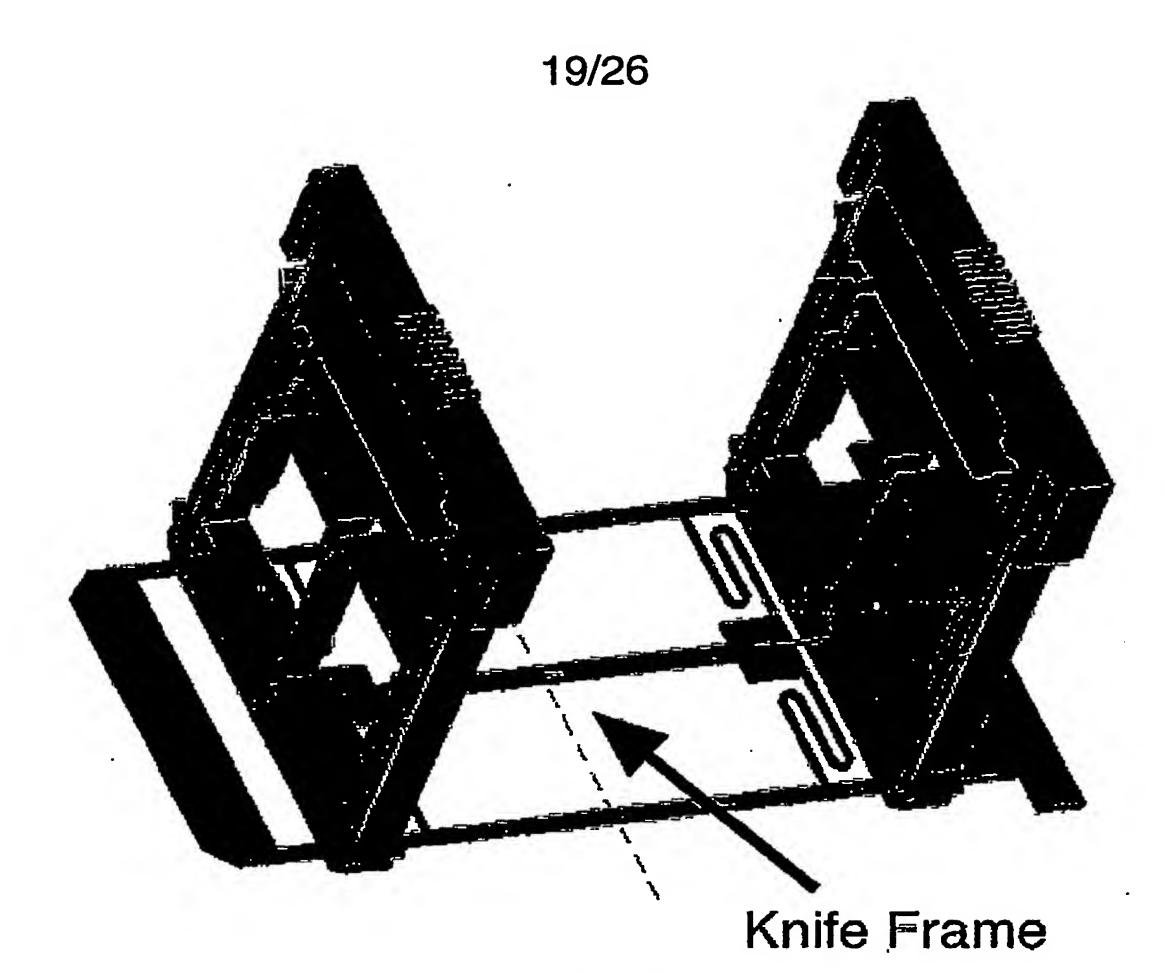
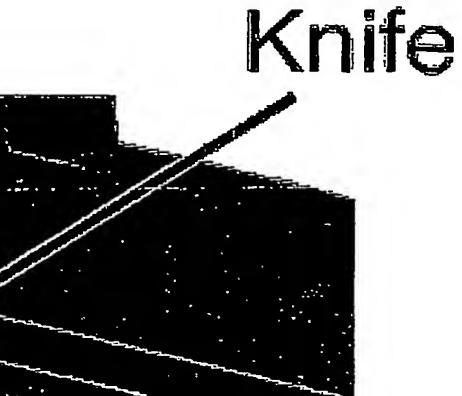


FIG. 14B

PCT/US2004/033784 WO 2005/037070



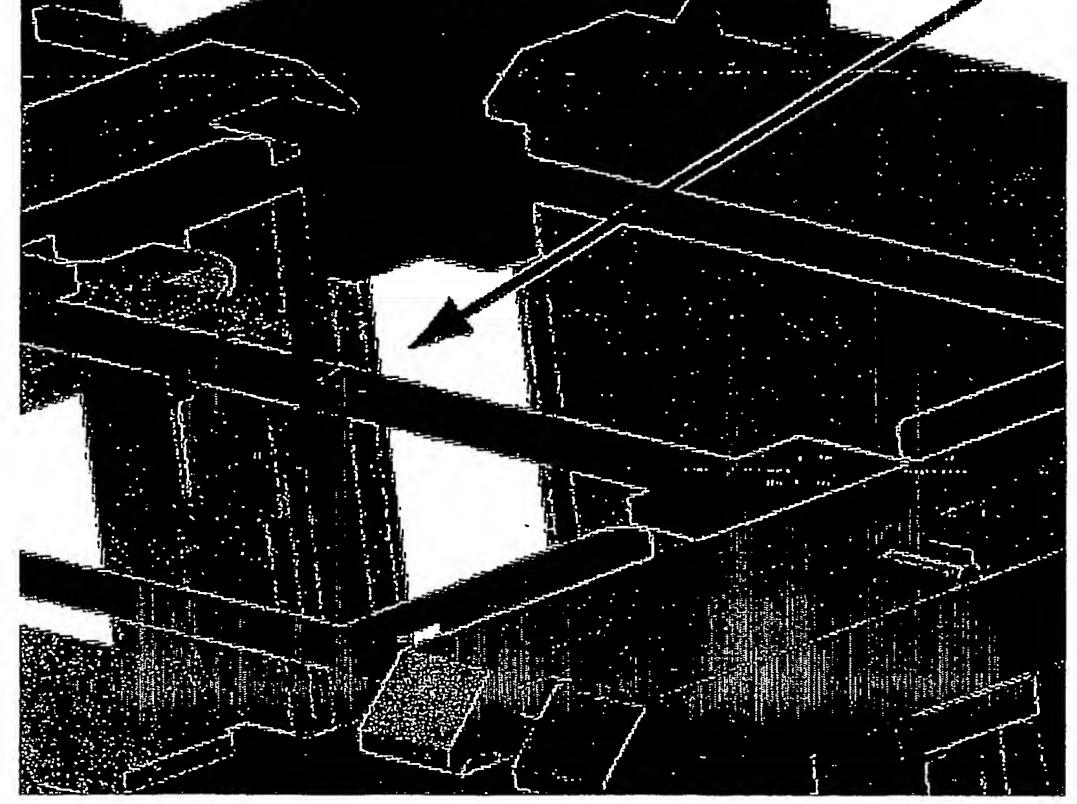


FIG. 14C

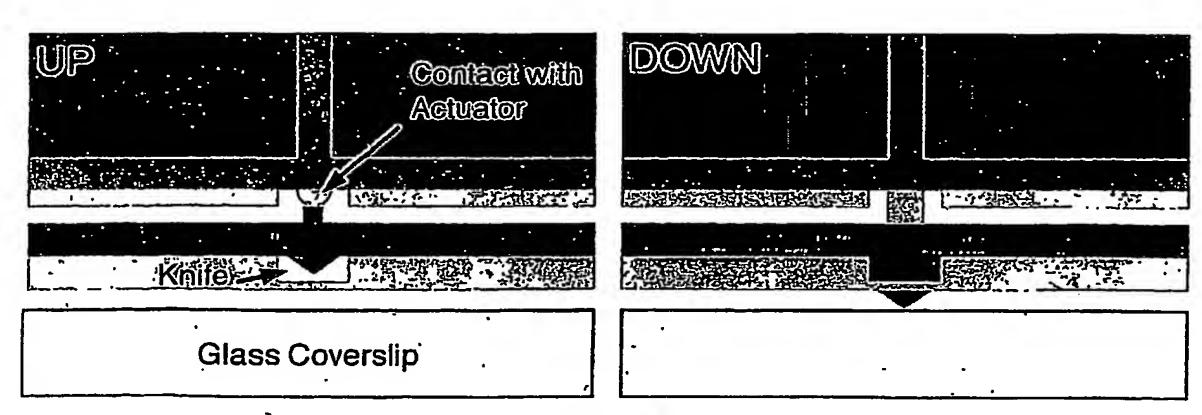


FIG. 15

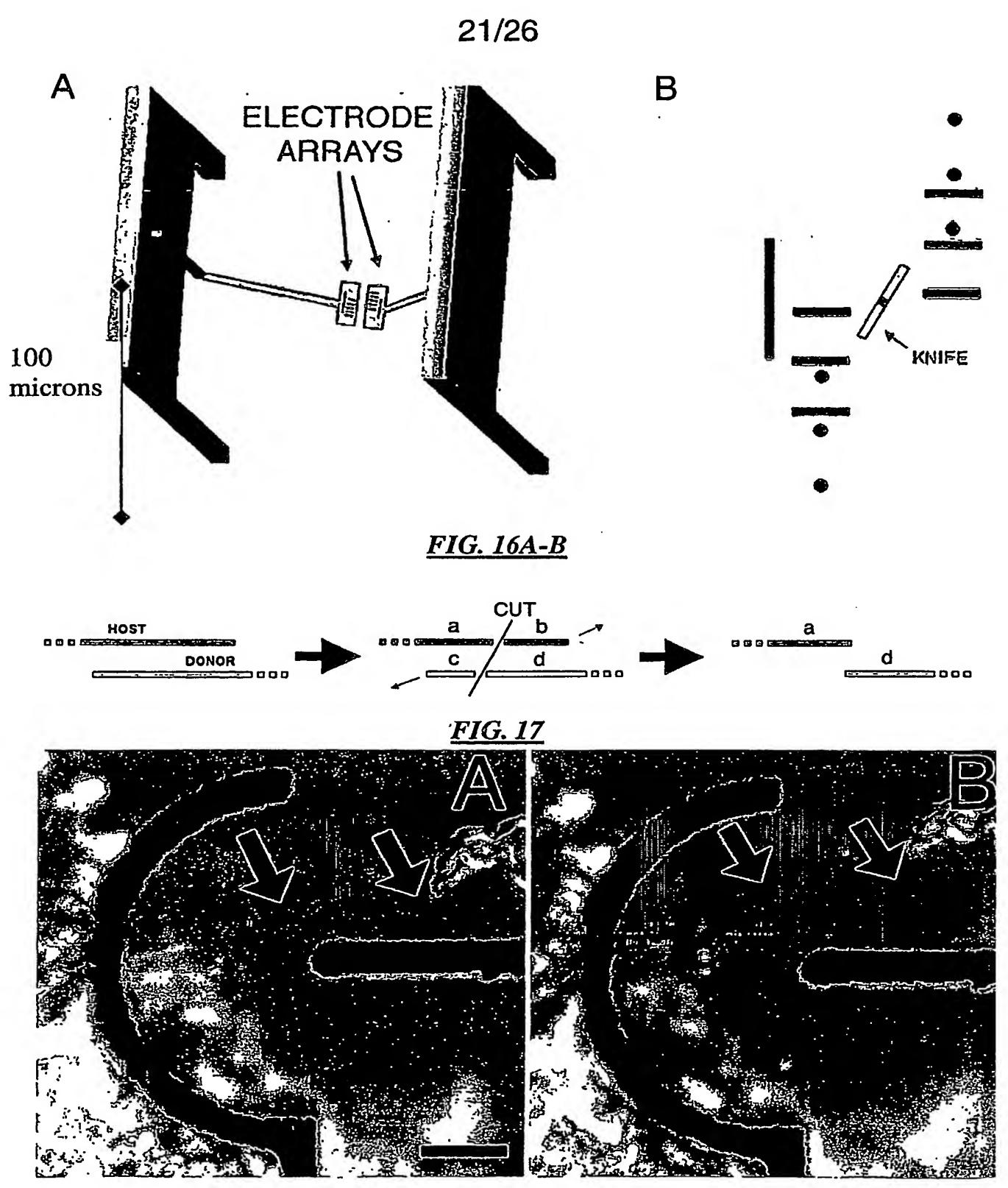
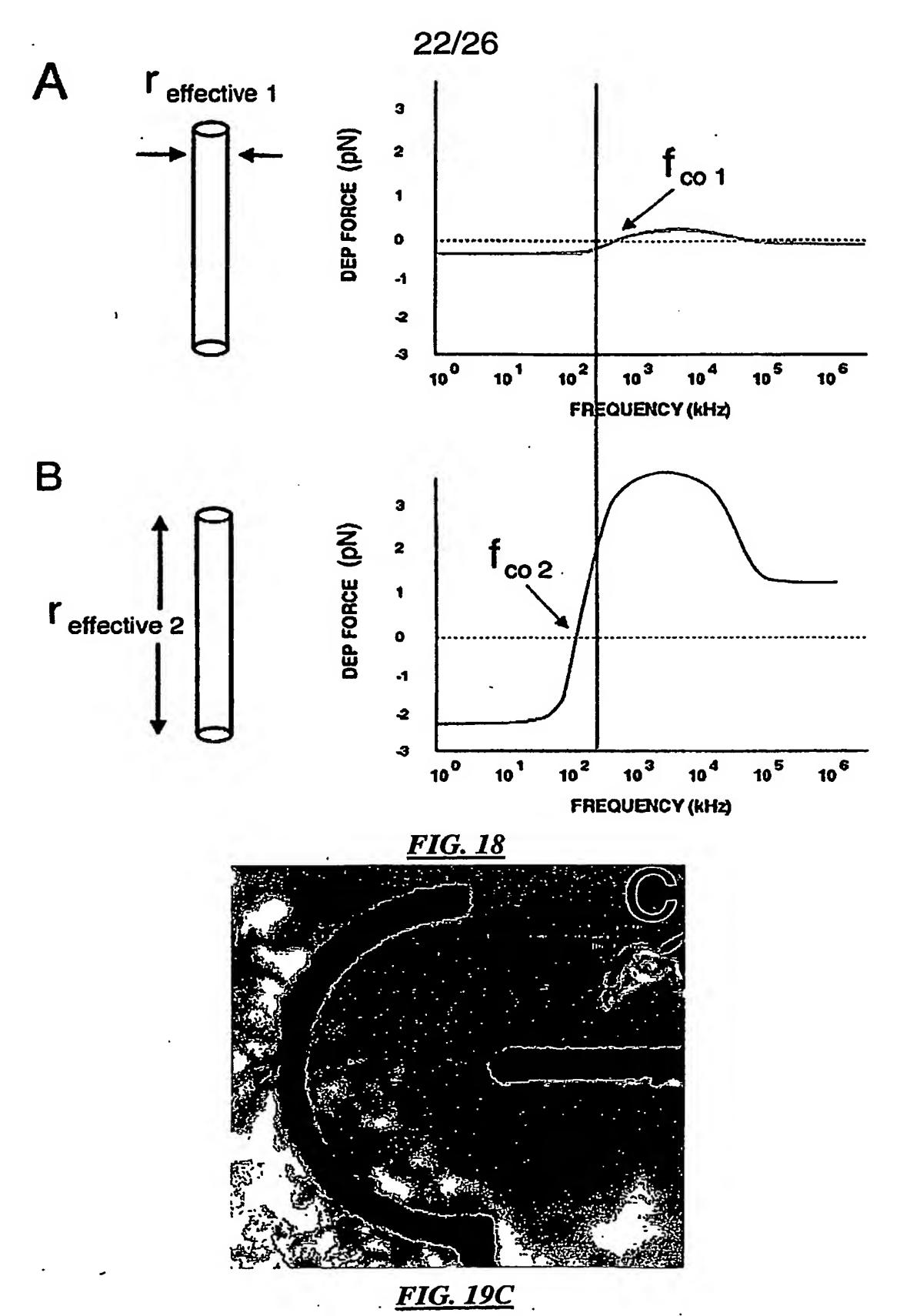


FIG. 19A-B

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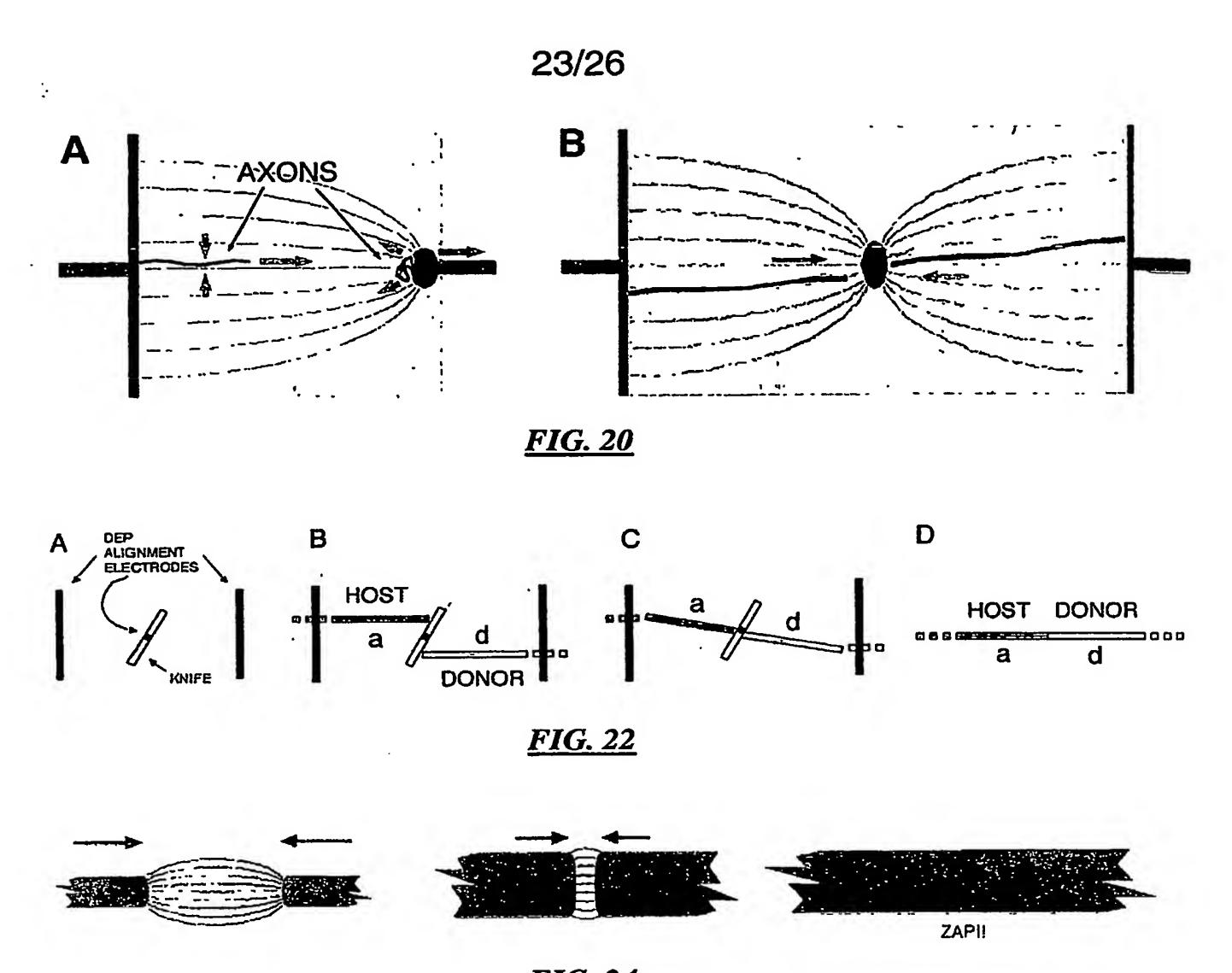
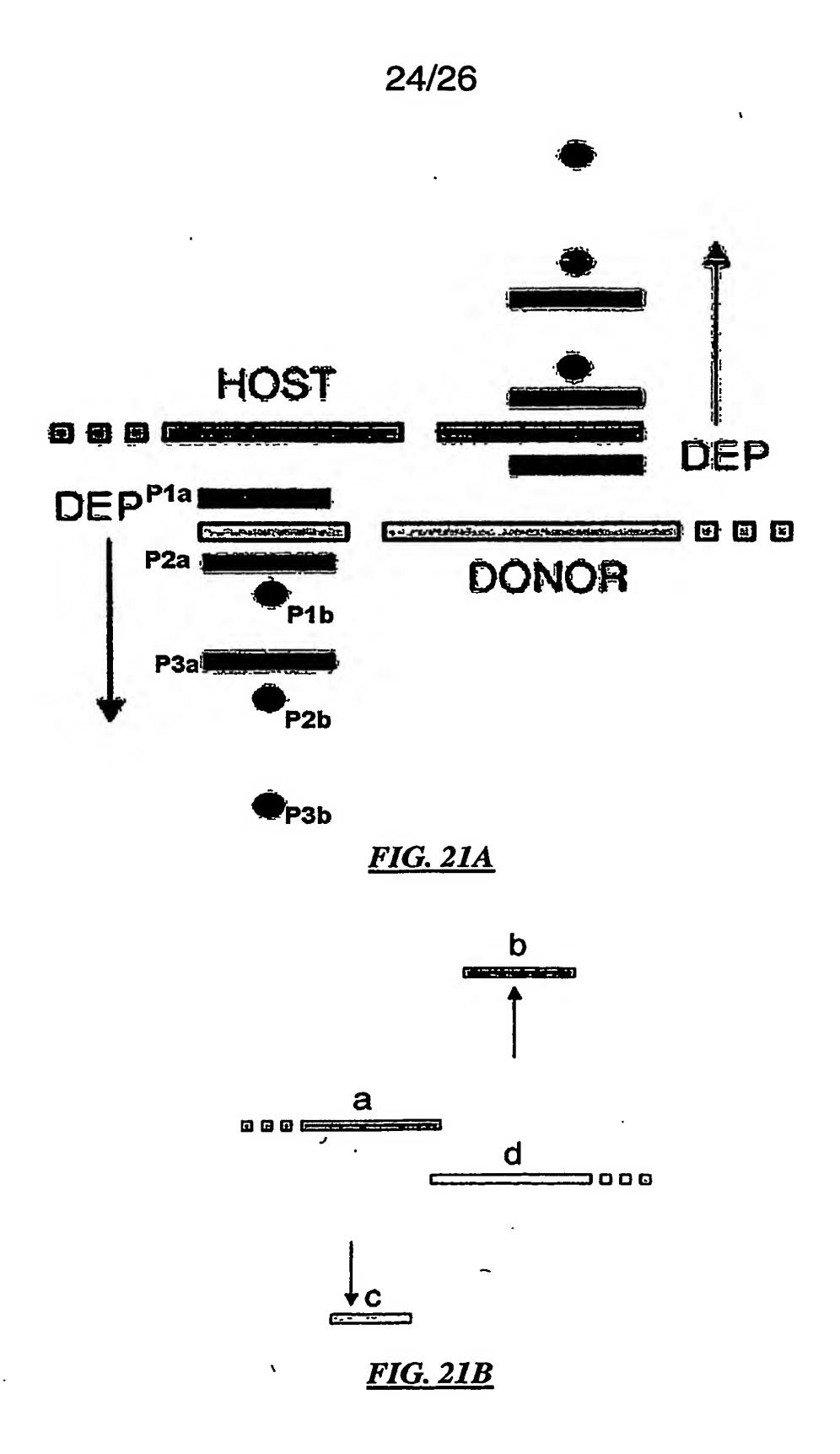


FIG. 24



#### **SUBSTITUTE SHEET (RULE 26)**

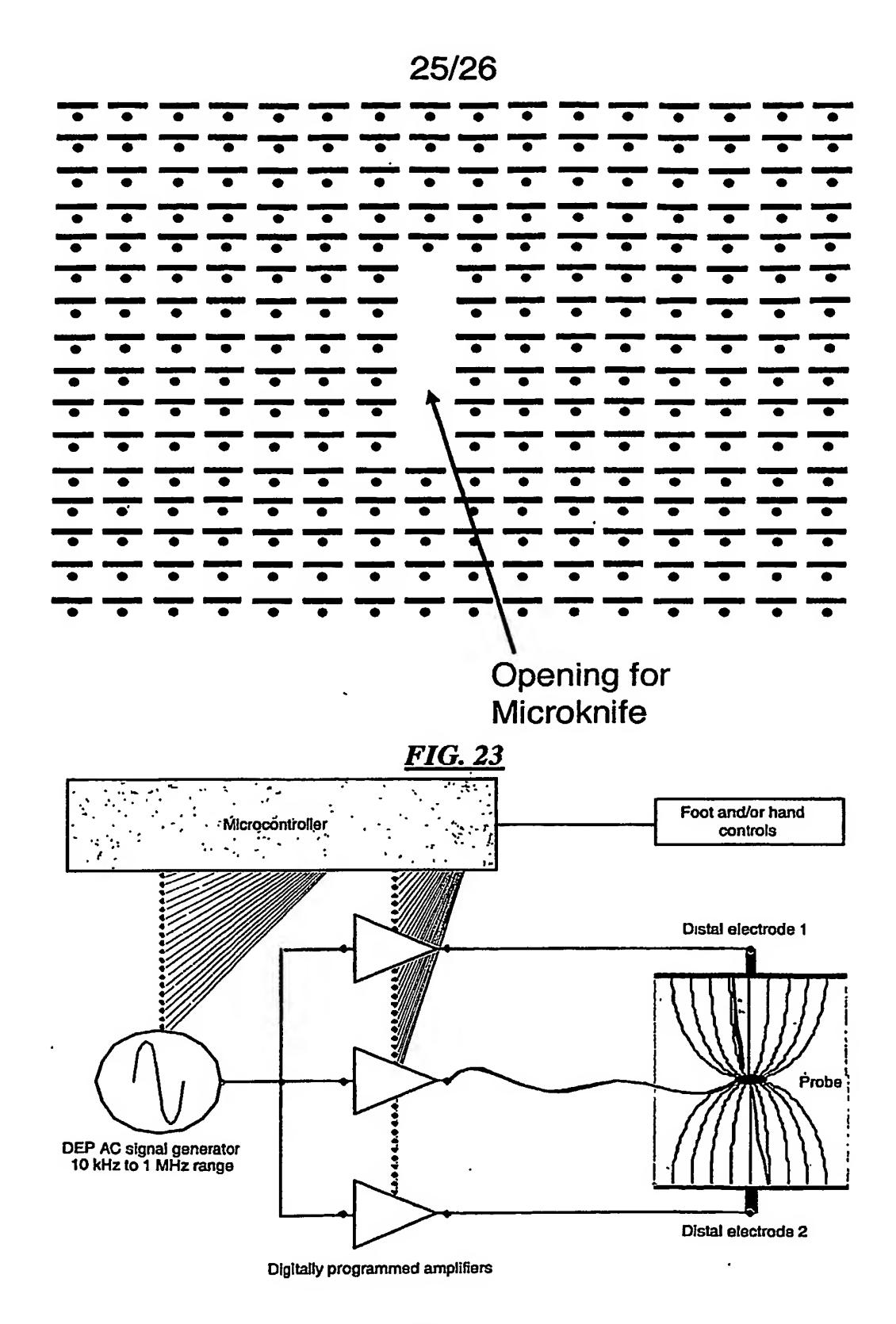
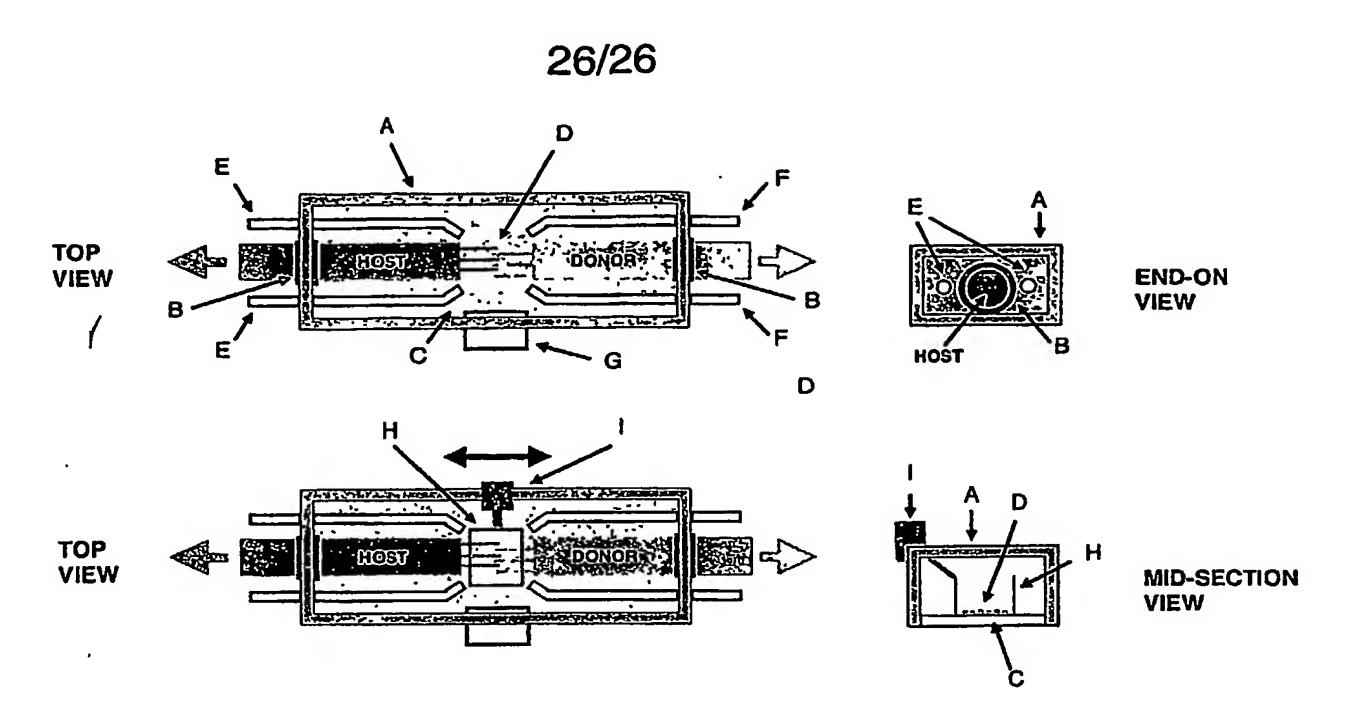


FIG. 25

**SUBSTITUTE SHEET (RULE 26)** 

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- A Surgical frame

- B Nerve sealing gasket
  C Bottom plate of surgical frame
  D Host and donor axons to be fused and repaired
- E Inflow tubes
- F Outflow tubes
- G Wave guide
- H Assembled MEMS axon repair platform
  I Micromanipulator to position MEMS axon repair platform

FIG. 26

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